

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/542, 558  
Source: IFWP  
Date Processed by STIC: 09/22/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 09/22/2006

PATENT APPLICATION: US/10/542,558

TIME: 15:25:26

Input Set : A:\00530-114US1.txt

Output Set: N:\CRF4\09222006\J542558.raw

```

4 <110> APPLICANT: Chen, Lan Bo
5      Auclair, Daniel
6      Gong, Yuhong
7      Dai, Meiru
9 <120> TITLE OF INVENTION: BCM-1 GENES AND USES THEREOF
12 <130> FILE REFERENCE: 00530-114US1
14 <140> CURRENT APPLICATION NUMBER: US 10/542,558
15 <141> CURRENT FILING DATE: 2005-07-18
18 <150> PRIOR APPLICATION NUMBER: PCT/US2004/005338
19 <151> PRIOR FILING DATE: 2004-02-24
21 <150> PRIOR APPLICATION NUMBER: US 60/450,067
22 <151> PRIOR FILING DATE: 2003-02-25
24 <160> NUMBER OF SEQ ID NOS: 9
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 1273
30 <212> TYPE: DNA
31 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 1
34 caccgagggca agaccttgtc tcttaaaaaa aatttaaaat gaaacaaagc tattcttttt 60
35 tctccttttaa gatacaggaa gcttggaagc ggagtcttgt aagtttcagc cccttcctaa 120
36 tttttagtgt cctataataa caaaaccaga catccagcta accttgcata tctccttttg 180
37 aaggcaacag tgcattccga cagcagcaac ctgatcccca agcttttttcg acctgcagcg 240
38 ttcctgcctt tcatggcgcc cacggtattt ttgtcaatga cgccactgaa agggatcaag 300
39 tccgtgattt tacctcaggt tttcctctgt gacctacatg cagcgttcaa cagcatcaat 360
40 ggaacacagaa gttacacttg taagccacta gaaagatcat tactaatggc gggagccggt 420
41 gcttcttcaa ctttcttagg agtaatccct cagtttgtcc agatgaagta tggcctgact 480
42 ggcccttgga ttaaaagact cttacctgtg atcttcctcg tgcaagccag tggaatgaat 540
43 gtctacatgt cccgaagtct tgaatccatt aaggggattg cggtcatgga caaggaaggc 600
44 aatgtcctgg gtcattccag aattgctggg acaaaggctg ttagagaaac gctagcatcc 660
45 agaatagtg tggttgggac ctcagctctg attcctgaag tcttcaccta ctttttttaa 720
46 aggaccagc atttcaggaa aaaccaggg tcattgtgga ttttgaaact gtctgtact 780
47 gtcctggcaa tgggactgat ggtgccattt tcttttagta tatttccaca gattggacag 840
48 atacagtact gtagtcttga agagaaaatt cagtctccaa cagaagaaac agaaatcttt 900
49 tatcacagag ggggtgtagc gtgagtttta ggtgaattta tgtggttcct gcttgaaaac 960
50 cttcccctct ccagggttcg tttagagaac tttgccacag gtcttctggg gaccccagag 1020
51 gtgtctgtgc tgacaaggcg acttcagatt ccatactgag atcgttccca ggctggcgtc 1080
52 tctggggttt ttaaggctgg ctggagaaga cagtgggagg gtgccccgtc tgacaccct 1140
53 ggggttgctg agggaaaggc tggagtgagg atcgccctgc gaaaggatac tgtgaaatca 1200
54 ctaattaact aataaacctg tctcaagttg aggatttaag ggaggtcaaa cttttttttt 1260
55 tttttttttt ttt
57 <210> SEQ ID NO: 2
58 <211> LENGTH: 221

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```

59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 2
63 Met Ala Pro Thr Val Phe Leu Ser Met Thr Pro Leu Lys Gly Ile Lys
64 1 5 10 15
65 Ser Val Ile Leu Pro Gln Val Phe Leu Cys Ala Tyr Met Ala Ala Phe
66 20 25 30
67 Asn Ser Ile Asn Gly Asn Arg Ser Tyr Thr Cys Lys Pro Leu Glu Arg
68 35 40 45
69 Ser Leu Leu Met Ala Gly Ala Val Ala Ser Ser Thr Phe Leu Gly Val
70 50 55 60
71 Ile Pro Gln Phe Val Gln Met Lys Tyr Gly Leu Thr Gly Pro Trp Ile
72 65 70 75 80
73 Lys Arg Leu Leu Pro Val Ile Phe Leu Val Gln Ala Ser Gly Met Asn
74 85 90 95
75 Val Tyr Met Ser Arg Ser Leu Glu Ser Ile Lys Gly Ile Ala Val Met
76 100 105 110
77 Asp Lys Glu Gly Asn Val Leu Gly His Ser Arg Ile Ala Gly Thr Lys
78 115 120 125
79 Ala Val Arg Glu Thr Leu Ala Ser Arg Ile Val Leu Phe Gly Thr Ser
80 130 135 140
81 Ala Leu Ile Pro Glu Val Phe Thr Tyr Phe Phe Lys Arg Thr Gln Tyr
82 145 150 155 160
83 Phe Arg Lys Asn Pro Gly Ser Leu Trp Ile Leu Lys Leu Ser Cys Thr
84 165 170 175
85 Val Leu Ala Met Gly Leu Met Val Pro Phe Ser Phe Ser Ile Phe Pro
86 180 185 190
87 Gln Ile Gly Gln Ile Gln Tyr Cys Ser Leu Glu Glu Lys Ile Gln Ser
88 195 200 205
89 Pro Thr Glu Glu Thr Glu Ile Phe Tyr His Arg Gly Val
90 210 215 220
92 <210> SEQ ID NO: 3
93 <211> LENGTH: 15
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Synthetically generated peptide
100 <400> SEQUENCE: 3
101 Gly Lys Arg Thr Gln Tyr Phe Arg Lys Asn Pro Gly Ser Leu Trp
102 1 5 10 15
104 <210> SEQ ID NO: 4
105 <211> LENGTH: 23
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Primer
112 <400> SEQUENCE: 4
113 acctggagag gggaaggttt tca
115 <210> SEQ ID NO: 5

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116 <211> LENGTH: 19
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Primer
123 <400> SEQUENCE: 5
124 aatgaatgtc tacatgtcc 19
126 <210> SEQ ID NO: 6
127 <211> LENGTH: 22
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Primer
134 <400> SEQUENCE: 6
135 ggtgaagggtc ggagtcaacg gt 22
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 24
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Primer
145 <400> SEQUENCE: 7
146 ctggaagatg gtgatgggat ttcc 24
148 <210> SEQ ID NO: 8
149 <211> LENGTH: 39
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Primer
156 <400> SEQUENCE: 8
157 aagcggccgc aatggcgccc acggtatttt tgtcaatga 39
159 <210> SEQ ID NO: 9
160 <211> LENGTH: 30
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Primer
167 <400> SEQUENCE: 9
168 gggtcgacct acaccctct gtgataaaag 30

```

**VERIFICATION SUMMARY**

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